

Title (en)

AUTOMATIC PATIENT POSITIONING SYSTEM

Title (de)

AUTOMATISCHES PATIENTENPOSITIONIERUNGSSYSTEM

Title (fr)

SYSTÈME DE POSITIONNEMENT AUTOMATIQUE DE PATIENT

Publication

**EP 2285279 A2 20110223 (EN)**

Application

**EP 09750911 A 20090331**

Priority

- US 2009002002 W 20090331
- US 5421408 P 20080519
- US 40623309 A 20090318

Abstract (en)

[origin: US2009285357A1] A patient positioning system for positioning a patient relative to radiographic equipment. The system includes: a 3D optical imaging system for optically scanning the patient, such 3D optical imaging system having a focal plane and providing, for each position on the object, data representative of the intensity of reflected energy received by the system from such position and data representative of distance from such position on the object to the focal plane; a table apparatus for supporting the patient and for moving the table relative to the radiographic equipment in response to positioning signals; and a processor responsive to data from the radiographic equipment and the data from the a 3D optical imaging system for producing the positioning signals. The system enables a method for displaying temporal changes in a patient positioned with a bore of radiographic equipment.

IPC 8 full level

**A61B 5/00** (2006.01); **A61B 6/00** (2006.01); **A61B 6/08** (2006.01); **A61N 5/10** (2006.01)

CPC (source: EP US)

**A61B 6/08** (2013.01 - EP US); **A61B 6/5217** (2013.01 - EP US); **A61B 6/583** (2013.01 - EP US); **A61N 5/1049** (2013.01 - EP US); **G16H 50/30** (2017.12 - EP); **A61B 5/0064** (2013.01 - EP US); **A61B 6/5247** (2013.01 - EP US); **A61B 6/541** (2013.01 - EP US); **A61N 5/1037** (2013.01 - EP US); **A61N 2005/1059** (2013.01 - EP US)

Citation (search report)

See references of WO 2009142680A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**US 2009285357 A1 20091119**; **US 7869562 B2 20110111**; EP 2285279 A2 20110223; EP 2285279 B1 20170118; WO 2009142680 A2 20091126; WO 2009142680 A3 20100311

DOCDB simple family (application)

**US 40623309 A 20090318**; EP 09750911 A 20090331; US 2009002002 W 20090331